

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072386.D
 Acq On : 23 Mar 2022 16:16
 Operator : VA/SY
 Sample : N2063-06
 Misc : 5.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-5-(10-10.5)

Quant Time: Mar 24 00:53:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

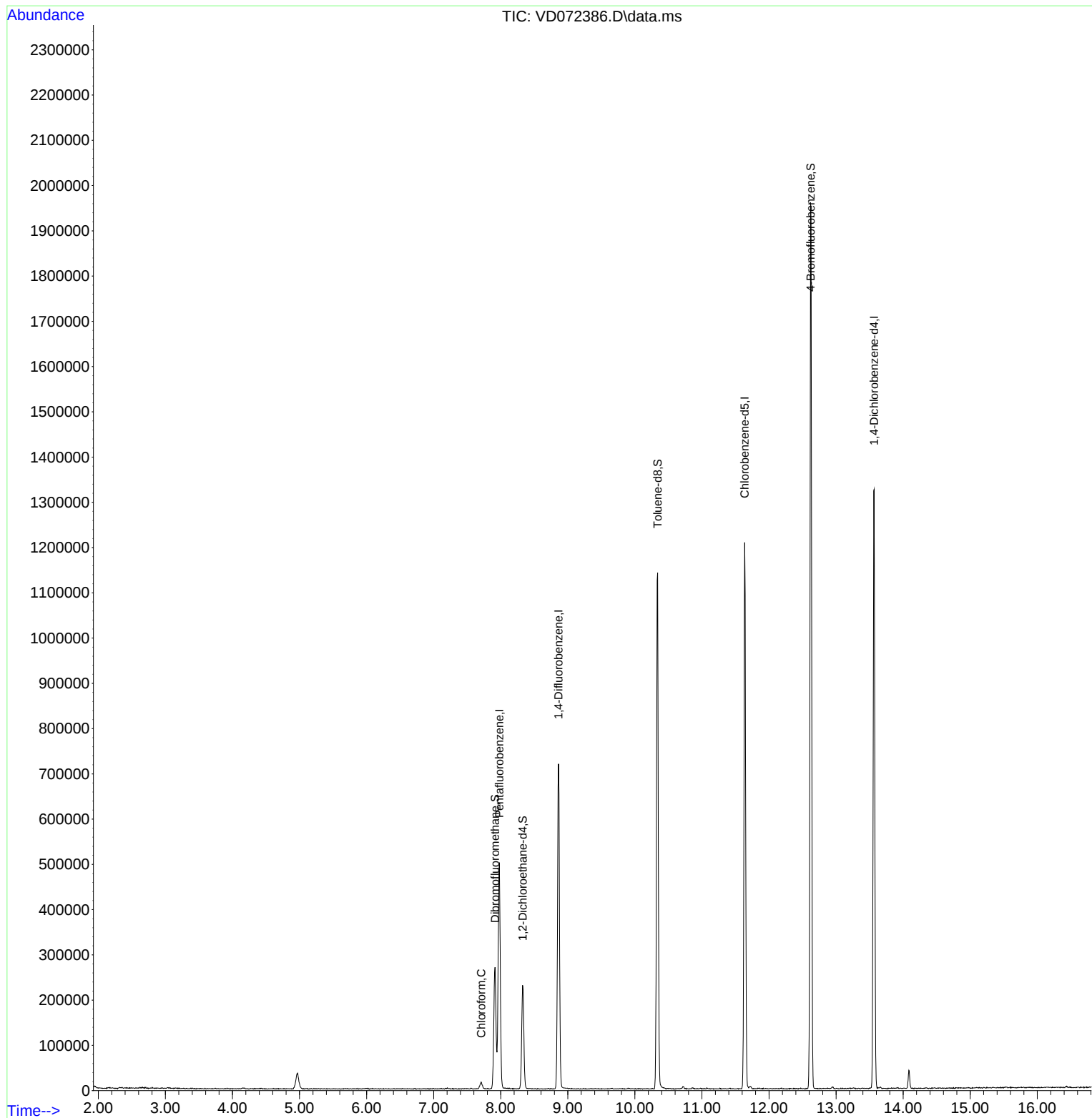
Internal Standards						
1) Pentafluorobenzene	7.979	168	355934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	609712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	684354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	354333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	184345	46.473	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.940%
35) Dibromofluoromethane	7.914	113	192960	44.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.940%
50) Toluene-d8	10.338	98	773290	49.290	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.620	95	356054	58.409	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.820%
Target Compounds						Qvalue
30) Chloroform	7.709	83	11313	1.380	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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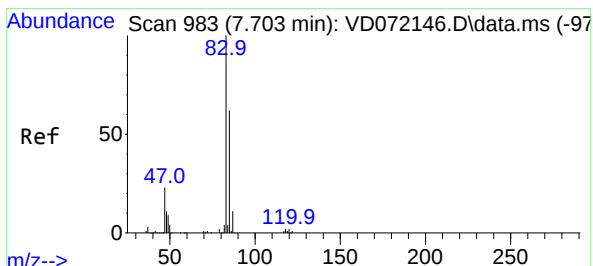
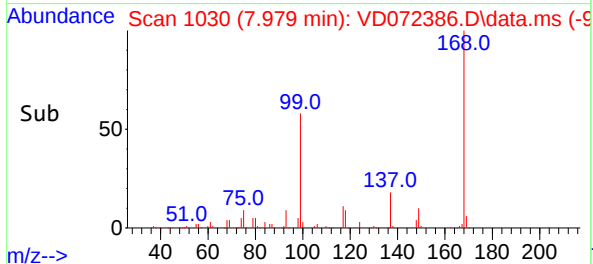
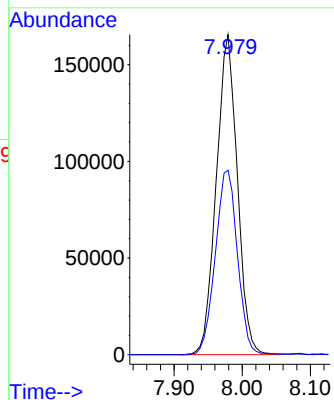
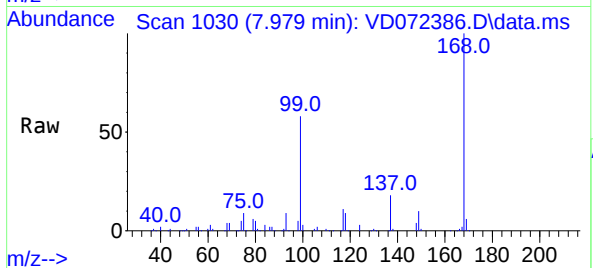




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072386.D
Acq: 23 Mar 2022 16:16

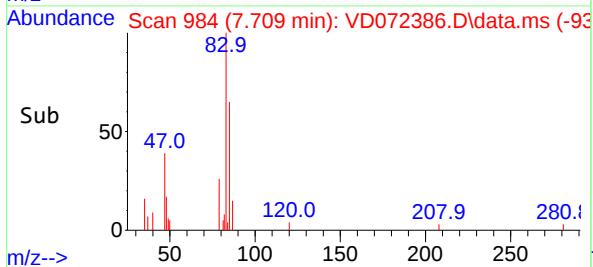
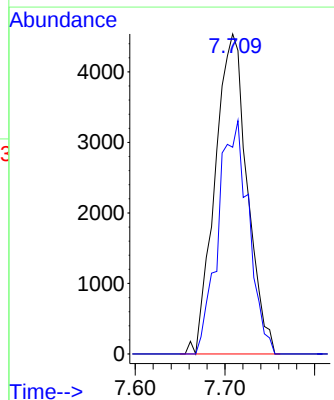
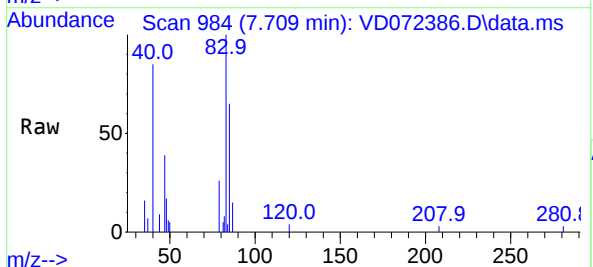
Instrument :
MSVOA_D
ClientSampleId :
WC-5-(10-10.5)

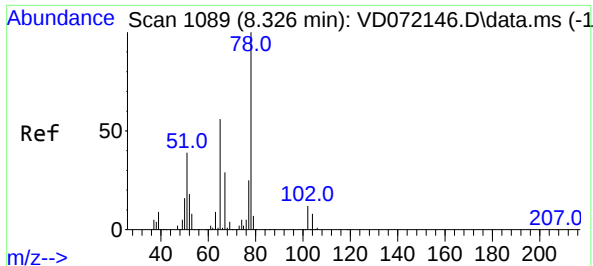
Tgt Ion:168 Resp: 355934
Ion Ratio Lower Upper
168 100
99 57.6 49.8 74.6



#30
Chloroform
Concen: 1.380 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.006 min
Lab File: VD072386.D
Acq: 23 Mar 2022 16:16

Tgt Ion: 83 Resp: 11313
Ion Ratio Lower Upper
83 100
85 64.6 52.7 79.1

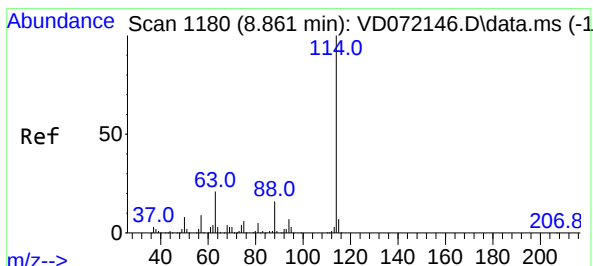
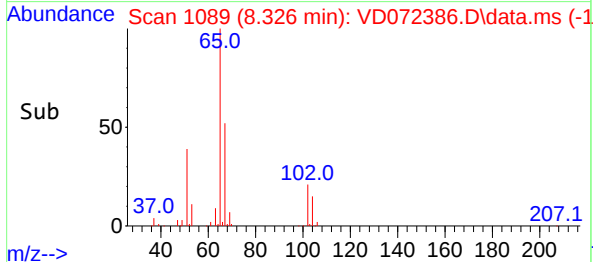
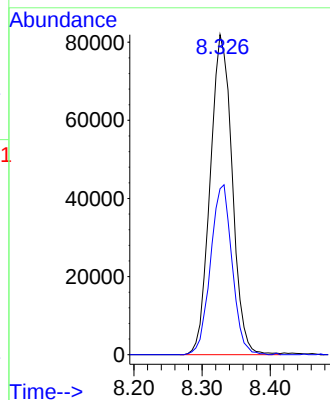
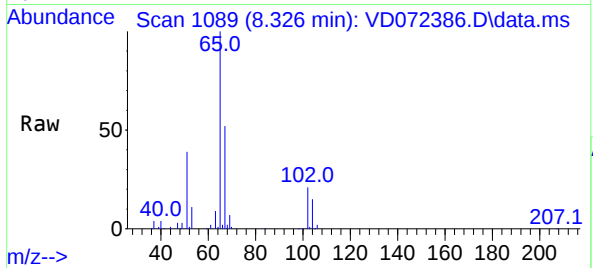




#33
1,2-Dichloroethane-d4
Concen: 46.473 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072386.D
Acq: 23 Mar 2022 16:16

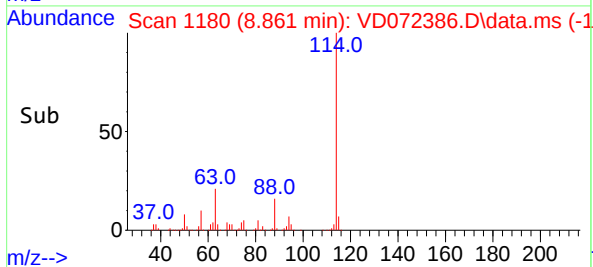
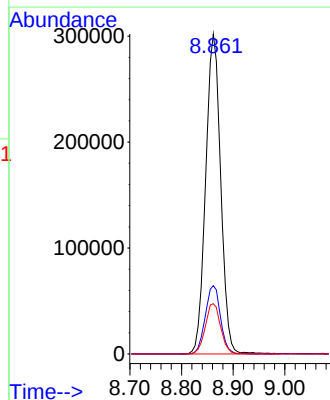
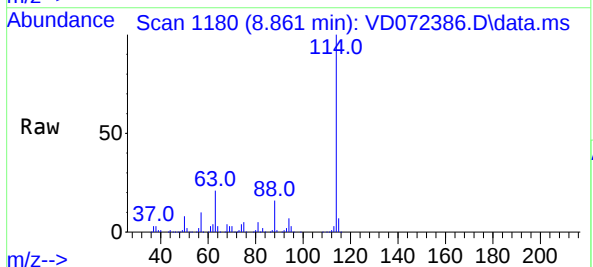
Instrument :
MSVOA_D
ClientSampleId :
WC-5-(10-10.5)

Tgt Ion: 65 Resp: 184345
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072386.D
Acq: 23 Mar 2022 16:16

Tgt Ion: 114 Resp: 609712
Ion Ratio Lower Upper
114 100
63 21.4 0.0 46.6
88 15.7 0.0 33.2

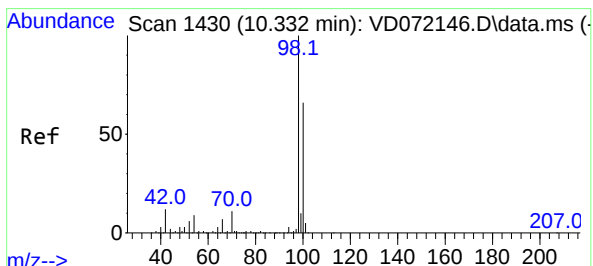
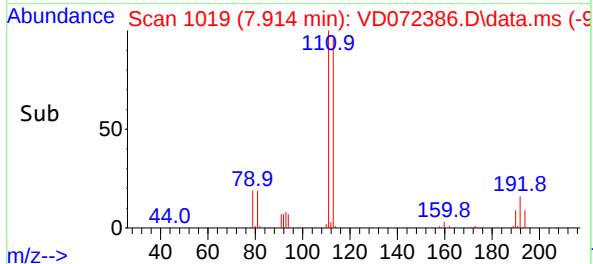
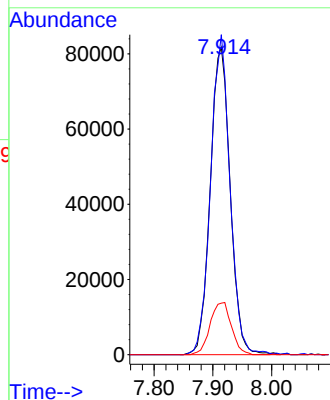
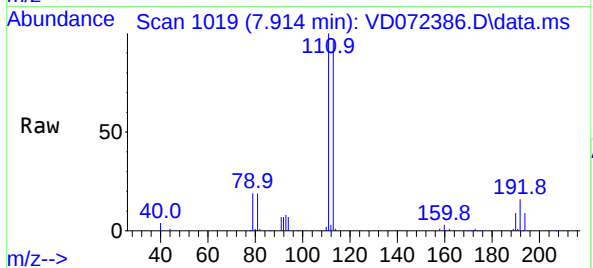




#35
Dibromofluoromethane
Concen: 44.973 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072386.D
Acq: 23 Mar 2022 16:16

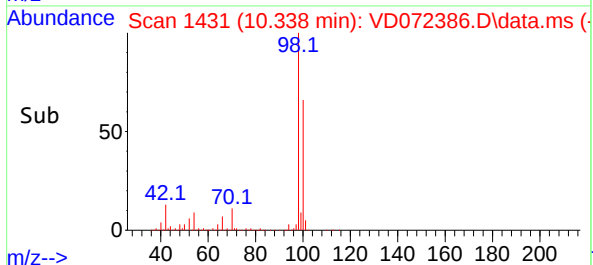
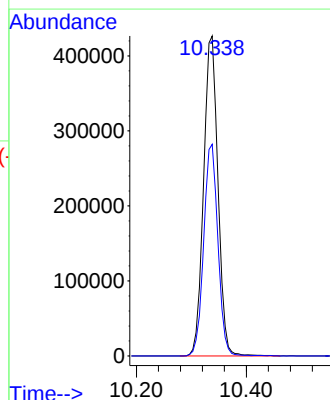
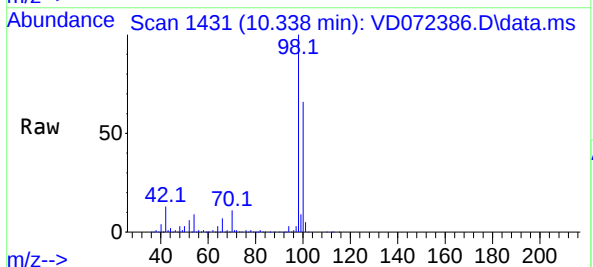
Instrument :
MSVOA_D
ClientSampleId :
WC-5-(10-10.5)

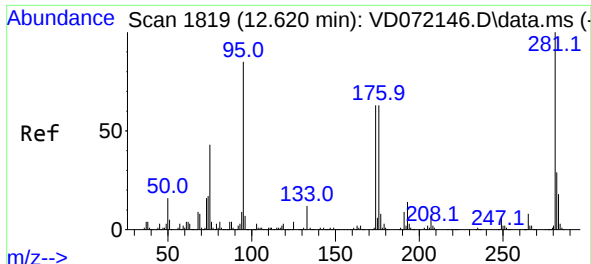
Tgt Ion:113 Resp: 192960
Ion Ratio Lower Upper
113 100
111 101.2 83.8 125.6
192 18.1 14.6 21.8



#50
Toluene-d8
Concen: 49.290 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072386.D
Acq: 23 Mar 2022 16:16

Tgt Ion: 98 Resp: 773290
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

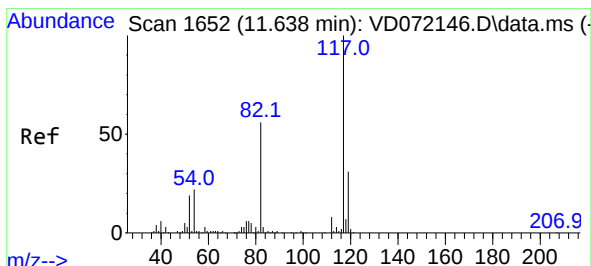
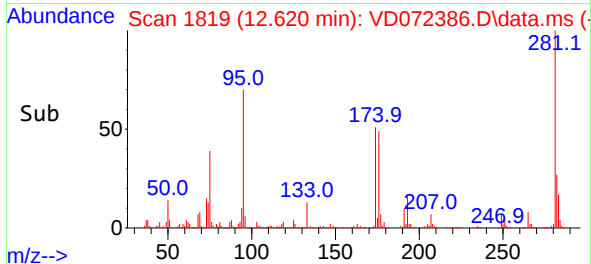
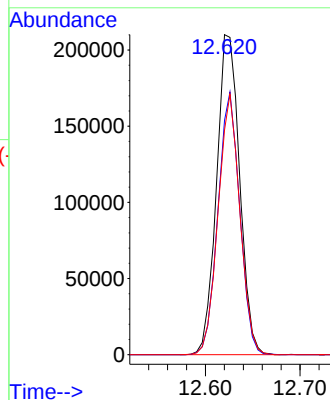
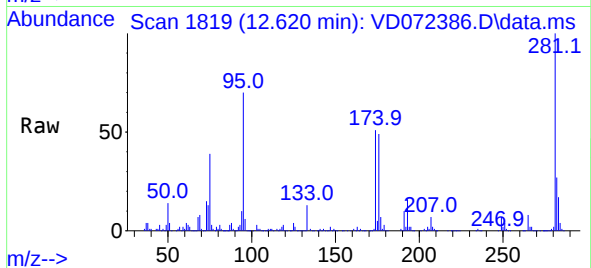




#62
4-Bromofluorobenzene
Concen: 58.409 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072386.D
Acq: 23 Mar 2022 16:16

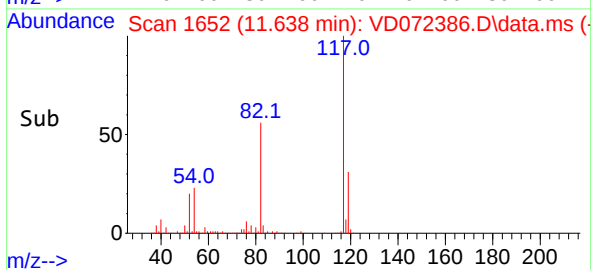
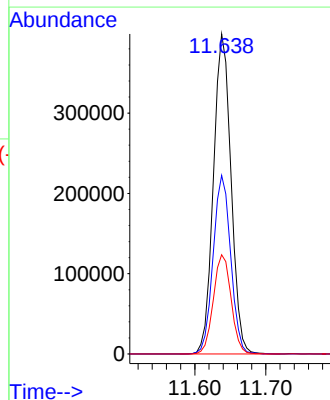
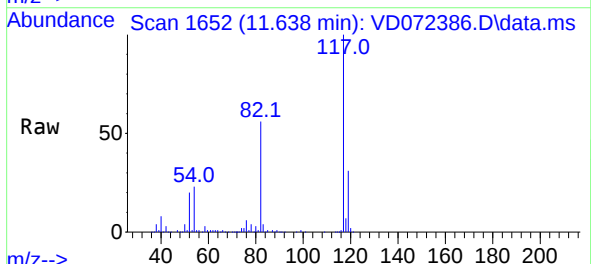
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WC-5-(10-10.5)

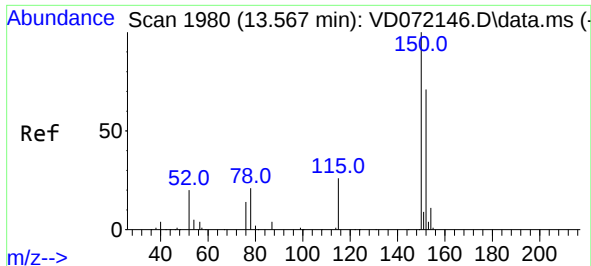
Tgt Ion: 95 Resp: 356054
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 76.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072386.D
Acq: 23 Mar 2022 16:16

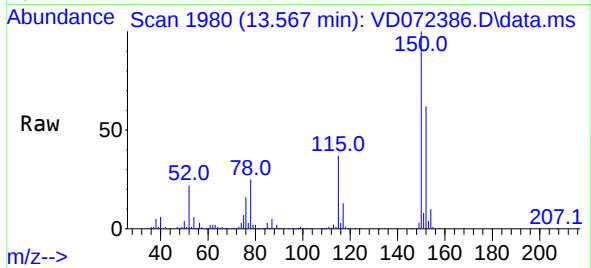
Tgt Ion: 117 Resp: 684354
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 31.0 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD072386.D
 Acq: 23 Mar 2022 16:16

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-5-(10-10.5)



Tgt Ion:152 Resp: 354333

Ion	Ratio	Lower	Upper
152	100		
115	59.6	31.3	93.8
150	158.0	0.0	348.6

